

**Amendments to the Specification:**

Please replace the paragraph at page 5, line 15 through page 6, line 7 with the following amended paragraph:

In the vacuum apparatus of the present invention, since the exhaust means installed in the inner chambers has a vibration-free type vacuum pump and a vibrating type vacuum pump that are installed in parallel, the apparatus can be devised so that either both pumps are operated, or so that the vibrating type pump is operated, until the insides of the inner chambers reach a high-vacuum state, thus allowing the quick realization of a high-vacuum state, after which only the vibration-free vacuum pump is operated during the subsequent operation of the components, as in the sixth invention described later. In this case, the transmission of vibration from the pump during the operation of the components can be reduced, so that the precision of the components can be ensured to an even greater degree.

Furthermore, it is desirable that a pulse tube type cryo pump be used as the vibration-free vacuum pump. Moreover, ~~low-vibration type vacuum pumps naturally ... vibration-free type vacuum pumps.~~